

Amendments to the Claims:

1. (Currently Amended) An axial-flow fan comprising:
a central hub connected with a driving shaft of a motor; and
a plurality of blades extending radially along the circumference of the hub
for blowing air toward an axial direction, the plurality of blades integrated with the
hub into a single body,

wherein assuming that a camber ratio at a blade root(cr1) of each blade is the
value obtained by dividing a maximum camber value at the blade root(cr1) [[into]]
by a chord length, a camber ratio at a blade tip(cr2) of each blade is the value
obtained by dividing a maximum camber value at the blade tip [[into]] by the chord
length, and a percentage of decrease of the camber ratio is the value obtained by
dividing a difference value between the camber ratio at the blade root(cr1) and the
camber ratio at the blade tip(cr2) [[into]] by the camber ratio at the blade root(cr1),
the percentage of decrease of the camber ratio is in a range between 33% and 85%,
said camber ratio decreasing substantially proportionally along a length of each
blade from said blade root toward said blade tip.

2. (Original) An axial-flow fan according to claim 1, wherein a setting angle
of each blade increases from an intermediate region of each blade to the blade tip.

3. (Original) An axial-flow fan according to claim 2, wherein the setting
angle increases in a range between 2 degree and 8 degree at a smallest angle point.

4. (Currently Amended) An axial-flow fan according to claim 1, wherein
the camber ratio at the blade root(cr1) of each blade has a greatest value of 0.1
[[and]] or the camber ratio at the blade tip(cr2) of each blade has a smallest value of
0.01.

5. (Original) An axial-flow fan according to claim 4, wherein the camber ratio at the blade root(cr1) of each blade has a greatest value of 0.065 and the camber ratio at the blade tip(cr2) of each blade has a smallest value of 0.025.

6. (Original) An axial-flow fan according to claim 1, wherein the percentage of decrease of the camber ratio is in a range between 50% and 70%.

7. (Currently Amended) An axial-flow fan comprising:
a central hub connected with a driving shaft of a motor; and
a plurality of blades extending radially along the circumference of the hub for blowing air toward an axial direction, the plurality of blades integrated with the hub into a single body,

wherein each blade has a backward sweep angle at the blade root thereof and a forward sweep angle at the blade tip thereof, while having an airflow distributing region that is defined by a plurality of small regions where sweep angles are changed in turn formed on a region between the backward sweep angle region and the forward sweep angle region, and

wherein assuming that a camber ratio at the blade root(cr1) of each blade is the value obtained by dividing a maximum camber value at the blade root [[into]] by a chord length, a camber ratio at the blade tip(cr2) of each blade is the value obtained by dividing a maximum camber value at the blade tip [[into]] by the chord length, and a percentage of decrease of the camber ratio is the value obtained by dividing a difference value between the camber ratio at the blade root(cr1) and the camber ratio at the blade tip(cr2) [[into]] by the camber ratio at the blade root(cr1), the percentage of decrease of the camber ratio is in a range between 33% and 85%, said camber ratio decreasing substantially proportionally along a length of each blade from said blade root toward said blade tip.

8. (Original) An axial-flow fan according to claim 7, wherein a setting angle of each blade increases from an intermediate region of each blade to the blade tip.

9. (Original) An axial-flow fan according to claim 8, wherein the setting angle increases in a range between 2 degree and 8 degree at a smallest angle point.

10. (Currently Amended) An axial-flow fan according to claim 7, wherein the camber ratio at the blade root of each blade has a greatest value of 0.1 [[and]] or the camber ratio at the blade tip of each blade has a smallest value of 0.01.

11. (Original) An axial-flow fan according to claim 10, wherein the camber ratio at the blade root of each blade has a greatest value of 0.065 and the camber ratio at the blade tip of each blade has a smallest value of 0.025.

12. (Original) An axial-flow fan according to claim 7, wherein the percentage of decrease of the camber ratio is in a range between 50% and 70%.